

Message Text

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PAGE 01 NATO 06348 01 OF 02 021315Z
ACTION EUR-12

INFO OCT-01 ISO-00 CIAE-00 PM-04 INR-07 L-03 ACDA-10
NSAE-00 PA-02 SS-15 PRS-01 SP-02 USIA-15 TRSE-00
NSC-05 /077 W
-----040561 021319Z /42

R 021212Z JUL 77
FM USMISSION NATO
TO SECSTATE WASHDC 4615
SECDEF WASHDC
INFO CNO WASHDC
NAVSEC WASHDC

UNCLAS SECTION 01 OF 02 NATO 06348

SECDEF FOR DDR&E(IP); CNO FOR OP-098; NAVSEC FOR 6172 AND
6179.

E.O. 11652: N/A

TAGS: NATO, OCON, MILI

SUBJECT: COMPATIBILITY OF NAVAL DATA HANDLING EQUIPMENT -
NIAG SUB-GROUP 6

1. THERE FOLLOWS IN PARA TWO BELOW THE TEXT OF AC/259-D/
587, EXTENSION OF PHASE II OF STUDY BY NIAG SUB-GROUP 6, BY
WHICH NADREPS ARE ASKED TO APPROVE A SIX-MONTH EXTENSION
OF THE ORIGINAL PROGRAM OF WORK OF NIAG SUB-GROUP 6, AND
AUTHORIZE AN AMOUNT OF TWO MILLION BELGIAN FRANCS TO SUP-
PORT THE EXTENSION. NADREPS WILL DISCUSS THIS DOCUMENT ON
11 JULY. FYI. THE CHAIRMAN OF NIAG SUB-GROUP 6 IS MR.
PETER R. DAX, ADVISORY ENGINEER, WESTINGHOUSE ELECTRIC
CORP., PO BOX 1897, BALTIMORE, MD 21203, TEL (301)765-4584.
USNAVY REPRESENTATIVES ARE CAPT. C. DRENKARD, USN, NAVSEC
6172, TEL OX 2-6291, AND MR. H. KLOEHN, NAVSEC 6179, TEL.
OX 2-2547. END FYI. ACTION REQUESTED: WASHINGTON GUID-
ANCE BY COB 8 JULY 77.

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PAGE 02 NATO 06348 01 OF 02 021315Z

2. BEGIN TEXT

- 24 JUNE 1977 AC/259-D/587

CONFERENCE OF NATIONAL ARMAMENTS DIRECTORS - COMPATIBILITY
OF NAVAL DATA HANDLING EQUIPMENT - EXTENSION OF PHASE II OF
STUDY BY NIAG SUB-GROUP 6 - MEMORANDUM BY THE NIAG CO-

ORDINATOR

1. IN FEBRUARY 1975 (AC/259-N/161), THE NADREPS ON BEHALF OF THEIR NATIONAL ARMAMENTS DIRECTORS, APPROVED THE PROGRAMME OF WORK, TIMETABLE AND COST-ESTIMATE SET OUT IN ANNEX TO AC/259-D/414, FOR PHASE II OF THE STUDY BEING UNDERTAKEN BY NIAG SUB-GROUP 6.

2. THE FIRST PHASE OF THIS PROGRAMME WAS COMPLETED IN APRIL 1975 WITH THE CIRCULATION OF STANAG 4146 ON AN INTERIM NATO STANDARD SPECIFICATION FOR INPUT/OUTPUT INTERFACES. THIS HAS SINCE BEEN PROMULGATED, AND NATIONS ARE NOW BEGINNING TO IMPLEMENT IT. IN THE SECOND PHASE, THE SUB-GROUP PREPARED A NEW STANDARD INTERFACE FOR THE SERIAL TRANSMISSION OF DIGITAL DATA, AND A DRAFT STANAG WAS CIRCULATED TO NATIONS FOR RATIFICATION IN APRIL.

3. IN THE COURSE OF INVESTIGATING DATA BUS SOLUTIONS TO THE GENERAL PROBLEM OF DATA TRANSFERS, THE SUB-GROUP BECAME AWARE OF THE GROWING NUMBER OF DATA BUS SYSTEMS BEING DEVELOPED FOR EITHER AIRBORNE OR SHIPBORNE APPLICATIONS. THE SUB-GROUP THEREFORE PROPOSED TO IEG/5 THAT IT SHOULD DEVELOP A STANAG FOR STANDARD INTERFACE WITH A SHIPBOARD DIGITAL DATA BUS SYSTEM WITH A TARGET DATE OF SEPTEMBER 1977 FOR THE COMPLETION OF THIS TASK. TO ACHIEVE THIS THE SUB-GROUP WOULD CONDUCT A COMPUTER SIMULATION OF DATA TRANSFERS OVER A DATA BUS TO DETERMINE THE LEVEL OF SOPHISTICA-

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PAGE 03 NATO 06348 01 OF 02 021315Z

TION REQUIRED IN THE DATA BUS DESIGN AND THEN WRITE THE FINAL INTERFACE SPECIFICATION IN ORDER TO COMPLETE THE DOCUMENTATION ON THE GENERAL DATA BUS.

4. THIS PROPOSED EXTENSION OF SIX MONTHS TO THE ORIGINAL PROGRAMME OF WORK WITH APPROPRIATE ADDITIONAL FUNDING HAS THE FULL SUPPORT OF IEG/5 AND THE NIAG. ON CURRENT RATE OF EXPENDITURE BY SUB-GROUP 6 AN AMOUNT OF B.FR. 2 MILLION WOULD BE REQUIRED. SUCH FUNDING WOULD HAVE TO BE IN THE FORM OF CONTRACT AUTHORITY FOR CONVERSION INTO CASH CREDITS IN 1978 AS THE CASH CREDITS CURRENTLY AVAILABLE IN THE 1977 BUDGET ARE REQUIRED TO PAY FOR WORK ALREADY COMPLETED ON STUDIES 7, 8 AND 9 AND THE WORK CARRIED OUT UP TO THE END OF MARCH THIS YEAR BY SUB-GROUP 6 ITSELF. AN AMOUNT OF B.FR. 30 MILLION CONTRACT AUTHORITY HAS BEEN APPROVED FOR 1977, NONE OF WHICH HAS BEEN COMMITTED TO DATE. IT SHOULD BE BORNE IN MIND, HOWEVER, THAT TWO OTHER PROJECTS WILL SHORTLY BE COMPETING FOR A SHARE OF THIS AMOUNT: A PREFEASIBILITY STUDY ON AN AIR-TO-AIR MISSILE REQUESTED BY NAFAG, AND AN EXTENSION OF THE PROGRAMME OF WORK OF SUB-GROUP 6 FOR A FURTHER TWO YEARS, WHICH HAS BEEN APPROVED BY IEG/5 AND NNAG, TO PREPARE STANDARD INTERFACES FOR DATA BUS FOR STAN-

DARD DATA LINKS AND TO COMPLETE THE FIBRE OPTICS AND VIDEO
AND VOICE DATA BUS INTERFACE STANDARDS.

5. THE NADREPS, ON BEHALF OF THEIR NATIONAL ARMAMENTS DIRECTORS ARE INVITED TO:

- (1) APPROVE THE EXTENSION OF 6 MONTHS TO THE ORIGINAL
PROGRAMME OF WORK BY NIAG SUB-GROUP 6 TO ENABLE IT TO COMPLETE ITS CURRENT TASKS;

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PAGE 01 NATO 06348 02 OF 02 021310Z

ACTION EUR-12

INFO OCT-01 ISO-00 CIAE-00 PM-04 INR-07 L-03 ACDA-10

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R 021212Z JUL 77

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UNCLAS SECTION 02 OF 02 NATO 06348

- (2) AGREE, IN THE LIGHT OF THE REMARKS IN PARAGRAPH 4
ABOVE, THAT AN AMOUNT OF B.FR. 2 MILLION CONTRACT AUTHORITY
BE MADE AVAILABLE FOR THAT PURPOSE. END TEXT. BENNETT

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Review Media Identifier:
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Review Withdrawn Fields: n/a
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Subject: COMPATIBILITY OF NAVAL DATA HANDLING EQUIPMENT - NIAG SUB-GROUP 6
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